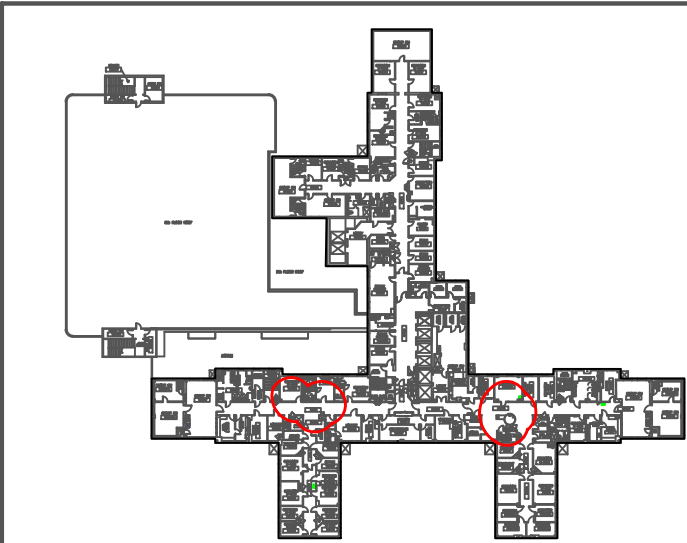
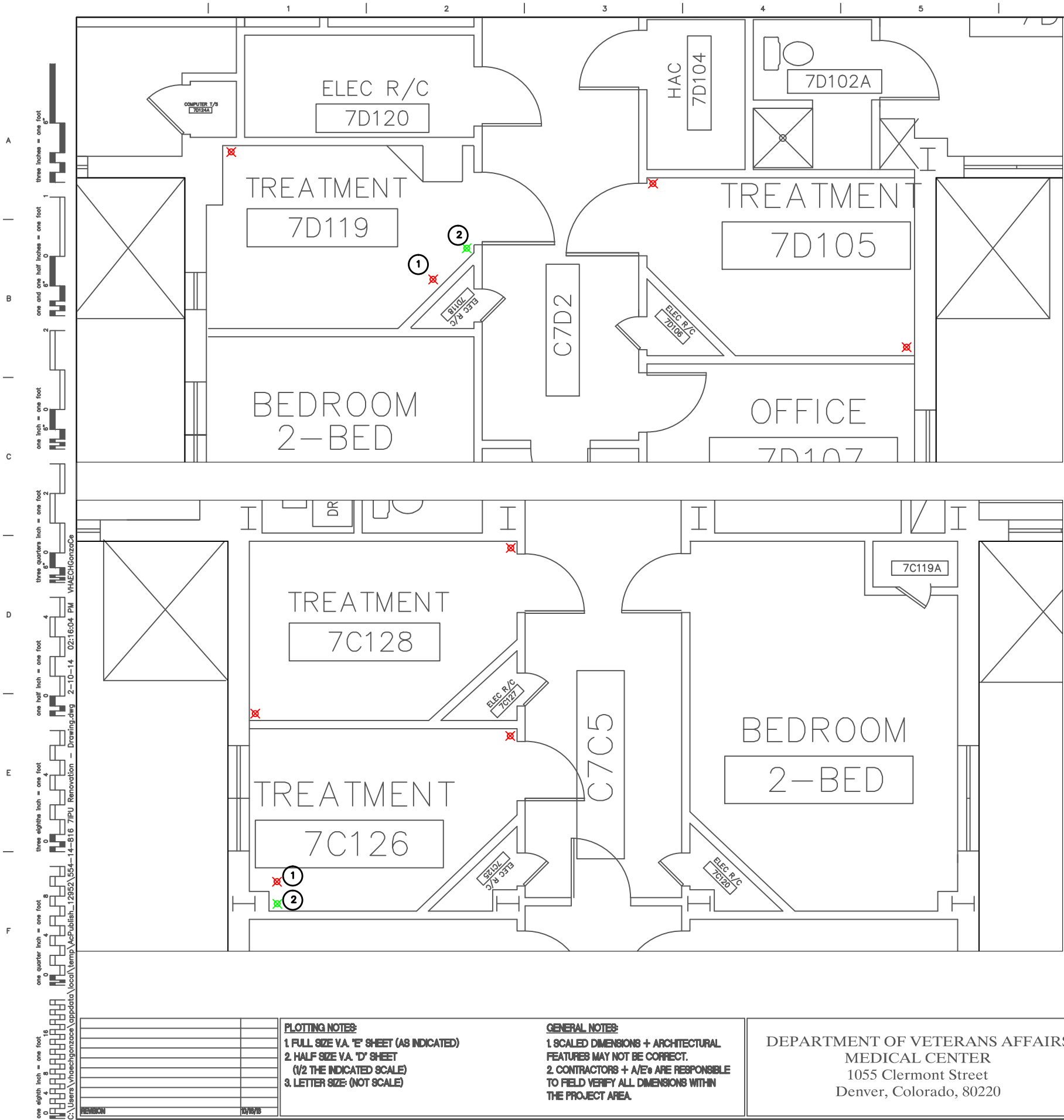


7IPU RENOVATION

PROJECT 554-14-816

INDEX OF DRAWINGS		GENERAL NOTES	INFECTION CONTROL RISK ASSESSMENT	INFECTION CONTROL RISK ASSESSMENT NOTES:																										
DWG NO.	DRAWING TITLE	<p>1. CONTRACTOR SHALL PROVIDE EVIDENCE OF COMPETENCY TO WORK ON VIDEO CAMERA INSTALLATION AND AUTOMATIC DOOR OPENER INSTALLATION TO THE COR. PRIOR TO STARTING THE WORK. IF THE CONTRACTOR'S PERSONNEL CHANGES DURING THE WORK, DOCUMENTATION OF NEW PERSONNEL'S COMPETENCY MUST BE PROVIDED. PRIOR TO THE NEW PERSONNEL WORKING. CONTRACTOR ENCOURAGED TO VISIT ALL AREAS OF WORK INCLUDING WALKING THE SITE, MEASURE EXISTING DIMENSIONS AND OBSERVE EXISTING CONDITIONS BEFORE BIDDING WORK, ORDERING MATERIALS, OR STARTING ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS OF EXISTING SITE CONDITION PRIOR TO START OF WORK AND ORDERING OF MATERIALS.</p> <p>2. CONTRACTOR SHALL RECYCLE REMOVED MATERIALS WHEN EVER POSSIBLE. MONEY FROM RECYCLED MATERIALS WILL BE CREDITED TO THE CONTRACTOR, BUT THE VA REQUIRES A RECEIPT FROM THE RECYCLING YARD, FOR ALL RECYCLED ITEMS, WITH THE PROJECT NAME, NUMBER, DATE, RECYCLED MATERIAL AND WEIGHT. CONTACT KEN NEVLING, VA GEMS COORDINATOR, X2613, FOR SPECIFICS.</p> <p>3. CONTRACTOR TO COMPLETE WORK DURING BUSINESS HOURS, 730A-4P, WHENEVER POSSIBLE. THE WORK IS NOT TO INTERFERE WITH PATIENT CARE. ALL WORK WILL BE PHASED AND APPROVED BY COR AND VA PERSONNEL. WORK TO TAKE PLACE DURING BUSINESS HOURS. IF WORK CAN NOT BE COMPLETED DURING BUSINESS HOURS WORK WILL BE SCHEDULED AT NIGHT OR ON WEEKENDS. CONTRACTOR TO COORDINATE EACH TASK AND PHASE WITH COR AND STAFF TWO (2) WEEKS IN ADVANCE.</p> <p>4. ALL INTERIOR FINISHES (PAINT AND MATERIAL) COLORS SHALL BE APPROVED BY THE VA PRIOR TO ORDERING AND INSTALLATION. CONTRACTOR MUST PATCH AND PAINT WALL/CEILING SURFACES IN EACH AREA OF WORK. PROVIDE A SEAMLESS TRANSITION AND FINISH LEVEL PER SPECIFICATIONS. PROVIDE FINISH QUALITY REPAIR AS A RESULT OF ALL DEMOLITION. CONTRACTOR TO PAINT ALL NEW AND EXISTING EXPOSED GYPSUM BOARD WALLS AND CEILINGS. PAINTING REQUIRES ONE COAT OF PRIMER ON NEW WALL AND DRY WALL PATCHES. TWO COATS OF FINISH ON ALL WALLS AS INDICATED ON THE FINISH SCHEDULE.</p> <p>5. REPAIR ALL DAMAGED CEILING TO MATCH EXISTING WITHIN THE CONSTRUCTION AREA AND AS A RESULT OF DEMOLITION.</p> <p>6. SUBMITTALS AND C.O.R. APPROVAL REQUIRED ON ALL NEW MATERIALS. CONTRACTOR STAGING AND ACCESS WILL BE FINALIZED AT THE PRE-CONSTRUCTION MEETING.</p> <p>7. IN CONSTRUCTION AREAS, FAN COILS ARE TO BE TURNED OFF AND COVERED WITH PLASTIC TO PROTECT FILTERS/COILS FROM DUST.</p> <p>8. ALL NEW WALL PENETRATIONS SHALL BE FIRE CAULKED TO A 1-HOUR FIRE RATING. CONTRACTOR SHALL OBTAIN VA PENETRATION PERMIT, FROM THE SAFETY OFFICE, X2604, PRIOR TO PERFORMING ELECTRICAL WORK OR ANY WORK REQUIRING PENETRATION THROUGH WALLS.</p> <p>9. FIRE ALARM WORK-SIMPLEX GRINNELL. APPLY ALL NATIONAL BUILDING (UBO), PLUMBING, ELECTRICAL CODES. APPLY ALL SMACNA, NFPA, AND VA STANDARDS.</p> <p>10. ALL ELECTRICAL WORK SHALL USE EMT CONDUIT AND COMPRESSION FITTINGS (UP TO 2").</p> <p>11. CONTRACTOR SHALL SUPPLY ALL INFECTION CONTROL ITEMS. CONTRACTOR TO CLEAN ALL AREAS OF WORK UPON COMPLETION, INCLUDING BUT NOT LIMITED TO ALL EXISTING EQUIPMENT, FIXTURES, LIGHTS, WINDOWS, BLINDS, AND REGISTERS.</p>	<p>CONSTRUCTION TYPE ACTIVITY DEFINITIONS</p> <p>CONSTRUCTION ACTIVITY</p> <p>Type A: Inspection and Non-Invasive Activities: Includes, but is not limited to: 1. Small scale removal of callings for visual inspection on miter installation. 2. Painting (brush and sanding). 3. Wall coating, electrical framework, minor plumbing, and activities that do not generate dust or require cutting of walls. No ICRN needed unless in a high risk area.</p> <p>Type B: Small scale, short duration activities that create minimal dust. Includes, but is not limited to: 1. Installation of telephone & computer cables. 2. Access to above spaces. 3. Cutting of walls or ceiling where dust migration can be controlled. No ICRN needed unless in a high risk area.</p> <p>Type C: Work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components and assemblies or new construction. Includes, but is not limited to: 1. Sanding of walls for painting or wall covering. 2. Removal of floor coverings, ceiling tiles, and carpeting. 3. New wall construction. 4. Minor, unenclosed duct, HVAC or electrical work above ceiling. 5. Major ceiling activities. 6. Any other project that cannot be completed within a single work shift. Type D: Major demolition & construction projects. 1. Activities requiring consecutive work shifts. 2. Activities requiring heavy demolition/removal of complete ceiling system. 3. New construction.</p> <p>LOW TO HIGH RISK LEVEL LOCATIONS</p> <table border="1"><thead><tr><th>LOW RISK - A</th><th>MEDIUM RISK - B</th><th>HIGH RISK - C</th></tr></thead><tbody><tr><td>Administrative Offices Lobbies Public Corridors Elevators Day Rooms Canteen/Retail Store Pharmacy Medical Records Morgue</td><td>Basement (lean and warehouse) 1st floor: Eating Mkt, Firm A Specialty (ES and autism) 2nd floor: PTOT, x-ray 3rd floor: Dental and E. wing 4th floor: Spec 4, Firm B 7th floor: Lab/Imaging 8th floor: (I) and Firm C 9th floor: Podiatry Outpatient clinic/ICBCs</td><td>Basement: SPD 1st floor: ED pharmacy 2nd to 4th floor: ICU, RN, 4S, OR 6th floor: CN, S, JMCU and Individual Clinic 8th floor: Pulmonary, sleep lab, dialysis Community Living Center</td></tr></tbody></table> <p>LEVEL OF INFECTION CONTROL PRECAUTIONS</p> <table border="1"><thead><tr><th>Infection Risk Group</th><th>TYPE A</th><th>TYPE B</th><th>TYPE C</th><th>TYPE D</th></tr></thead><tbody><tr><td>LOW Risk</td><td>GREEN</td><td>YELLOW</td><td>ORANGE</td><td>RED</td></tr><tr><td>MEDIUM Risk</td><td>GREEN</td><td>YELLOW</td><td>ORANGE</td><td>RED</td></tr><tr><td>HIGH Risk</td><td>GREEN</td><td>YELLOW</td><td>ORANGE</td><td>RED</td></tr></tbody></table> <p>LEVEL I/II/III INFECTION CONTROL PROCEDURES/PRECAUTIONS</p> <p>Level/Class I Precautions</p> <ol style="list-style-type: none">Execute work by methods to minimize raising dust from construction operations.Immediately replace any ceiling tile displaced for visual inspection (open ceiling tiles will not be abandoned).Replace any stained/soiled or damaged ceiling tile with new tile. <p>Level/Class II Precautions</p> <p>In addition to Class I Precautions above:</p> <ol style="list-style-type: none">Provides active means to prevent airborne dust from dispersing into atmosphere.Water mist work surfaces to control dust while cutting.Seal unused doors with duct tape.Block off and seal air vents.Place dust mat at entrance and exit of work area—keep damp if needed.Contain construction waste before transport in tightly covered containers. Wipe down equipment before removing from the worksite.Upon completion, wipe work surfaces with disinfectant, wet mop and/or vacuum and remove isolation of HVAC system. <p>Level/Class III Precautions</p> <p>In addition to Class I & II Precautions above:</p> <ol style="list-style-type: none">Before Infection Control involvement before construction begins.Complete all critical barriers or implement control cube method before construction begins.Control airflow: Isolate HVAC system in areas where work is being performed and maintain negative air pressure within work site.Cover transport receptacles or carts. Wipe down equipment before removing from the worksite.Seal holes, pipes, conduits, and punctures appropriately.Use appropriate protective clothing.Upon completion, do not remove barriers until inspected by Safety and Infection Control and thoroughly cleaned by housekeeping. Remove barrier materials carefully, roll plastic on to itself and clean hard walls, to minimize spreading of dirt and debris. <p>Level/Class IV Precautions</p> <p>In addition to Class I, II & III Precautions above:</p> <ol style="list-style-type: none">Relocate vulnerable patients orRelocate all patients and staff	LOW RISK - A	MEDIUM RISK - B	HIGH RISK - C	Administrative Offices Lobbies Public Corridors Elevators Day Rooms Canteen/Retail Store Pharmacy Medical Records Morgue	Basement (lean and warehouse) 1 st floor: Eating Mkt, Firm A Specialty (ES and autism) 2 nd floor: PTOT, x-ray 3 rd floor: Dental and E. wing 4 th floor: Spec 4, Firm B 7 th floor: Lab/Imaging 8 th floor: (I) and Firm C 9 th floor: Podiatry Outpatient clinic/ICBCs	Basement: SPD 1 st floor: ED pharmacy 2 nd to 4 th floor: ICU, RN, 4S, OR 6 th floor: CN, S, JMCU and Individual Clinic 8 th floor: Pulmonary, sleep lab, dialysis Community Living Center	Infection Risk Group	TYPE A	TYPE B	TYPE C	TYPE D	LOW Risk	GREEN	YELLOW	ORANGE	RED	MEDIUM Risk	GREEN	YELLOW	ORANGE	RED	HIGH Risk	GREEN	YELLOW	ORANGE	RED	<p>* OBTAIN INFECTION CONTROL PERMIT BEFORE CONSTRUCTION BEGINS. ISOLATE HVAC SYSTEM IN AREA WHERE WORK IS BEING DONE TO PREVENT CONTAMINATION OF THE DUCT SYSTEM. COMPLETE ALL CRITICAL BARRIERS OR IMPLEMENT CONTROL CUBE METHOD BEFORE CONSTRUCTION BEGINS. MAINTAIN NEGATIVE AIR PRESSURE WITHIN WORK SITE UTILIZING HEPA EQUIPPED AIR FILTRATION UNITS, SEAL HOLES, PIPES, CONDUITS, AND PUNCTURES APPROPRIATELY. DO NOT REMOVE BARRIERS FROM WORK AREA UNTIL COMPLETED PROJECT IS INSPECTED BY THE OWNER'S SAFETY DEPARTMENT AND THOROUGHLY CLEANED BY THE OWNER'S ENVIRONMENTAL SERVICES DEPARTMENT. REMOVE BARRIER MATERIAL CAREFULLY TO MINIMIZE SPREADING OF DIRT AND DEBRIS ASSOCIATED WITH CONSTRUCTION. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. COVER TRANSPORT RECEPTACLES OR CARTS, TAPE COVERING UNLESS SOLID LID, VACUUM WORK AREA WITH HEPA FILTERED VACUUMS, WET MOP AREA WITH DISINFECTANT. REMOVE ISOLATION OF HVAC SYSTEM IN AREAS WHERE WORK IS BEING PERFORMED.</p> <p>INTERIM LIFE SAFETY MEASURES NOTES (ILSM):</p> <p>IF APPLICABLE:</p> <p>HOT WORK PERMITS. PERMITS MUST BE OBTAINED 24 HOURS PRIOR TO COMMENCEMENT OF WORK, WHENEVER POSSIBLE. ORIGINAL PERMIT TO BE POSTED WHERE WORK IS BEING PERFORMED; CONTRACTOR MUST RETURN PERMIT TO SAFETY OFFICE WHEN WORK IS COMPLETED. FIRE WATCH. CONTRACTOR MUST INITIAL, DATE AND TIME EVERY 30 MINUTES AFTER HOT WORK HAS STARTED.</p> <p>CONTRACTOR TO PROVIDE WARNING SIGNAGE AND DIRECTIONAL SIGNAGE THAT SHALL BE POSTED IN CONSTRUCTION AREA WHILE WORK IS PERFORMED.</p> <p>CONFINED SPACE. CONTRACTOR TO OBTAIN CONFINED SPACE PERMIT PRIOR TO ENTRY INTO MECHANICAL CHASE. ENSURE IT IS APPROVED BY VA SAFETY DEPARTMENT AND COTR.</p> <p>CONTRACTOR SHALL PROVIDE ALL REQUIRED PERSONNEL FOR FIRE WATCH DURING FIRE SUPPRESSION WATER SYSTEM SHUTDOWNS.</p> <p>PATIENT SAFETY MEASURES</p> <p>THE WORK AREA IS IN A SECURED LOCKED WARD. EXTREME PRECAUTIONS ARE REQUIRED. ANYTIME WORKING OR ACCESSING ANY SPACE OUTSIDE A SECURED LOCKED AREA THE CONTRACTOR IS TO HAVE A WATCH PERSON. THE WATCH PERSON WHOLE RESPONSIBILITY IS TO INSURE PATIENTS ARE NOT PUT AT RISK AND TO INSURE NOTHING (TOOLS OR MATERIALS) CAN BE TOUCHED BY ANY PATIENTS. EXTREME MEASURES ARE TO BE TAKEN BY ALL PERSONS ENTERING AND EXITING THE AREA TO PREVENT ESCAPE HAZARDS. ALL PERSON ENTERING THE WORK AREA MUST ATTEND ORIENTATION TRAINING BEFORE WORKING ON THE WARD AND MUST OBEY ALL INSTRUCTIONS FROM THE STAFF TO INSURE PATIENT SAFETY.</p>
LOW RISK - A	MEDIUM RISK - B		HIGH RISK - C																											
Administrative Offices Lobbies Public Corridors Elevators Day Rooms Canteen/Retail Store Pharmacy Medical Records Morgue	Basement (lean and warehouse) 1 st floor: Eating Mkt, Firm A Specialty (ES and autism) 2 nd floor: PTOT, x-ray 3 rd floor: Dental and E. wing 4 th floor: Spec 4, Firm B 7 th floor: Lab/Imaging 8 th floor: (I) and Firm C 9 th floor: Podiatry Outpatient clinic/ICBCs		Basement: SPD 1 st floor: ED pharmacy 2 nd to 4 th floor: ICU, RN, 4S, OR 6 th floor: CN, S, JMCU and Individual Clinic 8 th floor: Pulmonary, sleep lab, dialysis Community Living Center																											
Infection Risk Group	TYPE A		TYPE B	TYPE C	TYPE D																									
LOW Risk	GREEN		YELLOW	ORANGE	RED																									
MEDIUM Risk	GREEN		YELLOW	ORANGE	RED																									
HIGH Risk	GREEN		YELLOW	ORANGE	RED																									
OWNER			OWNER'S CONTRACTING OFFICER																											
VETERANS AFFAIRS			VSN 19 CONTRACTING OFFICER																											
VA ECHS MEDICAL CENTER			ROCKY MOUNTAIN CONSOLIDATED CO.																											
1055 CLERMONT STREET			4100 E. MISSISSIPPI AVE, SUITE 900																											
DENVER, CO 80220-3808			GLENDALE, CO 80248																											
DESIGN INTENT																														
FMS																														
CELIANN GONZALEZ																														
PH:303.399.8020 EXT. 2669																														
FAX:303.393.2894																														
ABBREVIATIONS																														
(E)	EXISTING	DR.	DRIVE																											
(N)	NEW	ST.	STREET																											
N.I.C.	NOT IN CONTRACT	CMU	CONCRETE MASONRY UNIT																											
E.T.S.	EXPOSED TO STRUCTURE	EQ.	EQUAL																											
N.T.S.	NOT TO SCALE	STL.	STAINLESS																											
SIM.	SIMILAR	NR.	NOT RATED																											
BLDG.A.	BUILDING	A.F.F.	ABOVE FINISHED FLOOR																											
PH.	PHONE	EJ	EXPANSION JOINT																											
INC.	INCORPORATED	CJ	CONTROL JOINT																											
S.	SOUTH	Q.R.S	QUICK RELEASE SPRINKLER																											
ARCHITECT/ENGINEER		ARCHITECT/ENGINEER																												
DEPARTMENT OF VETERANS AFFAIRS		DEPARTMENT OF VETERANS AFFAIRS																												
MEDICAL CENTER		MEDICAL CENTER																												
1055 CLERMONT STREET		1055 CLERMONT STREET																												
Denver, Colorado, 80220		Denver, Colorado, 80220																												
COVER SHEET		COVER SHEET																												
Approved Project Director		Approved Project Director																												
Project No.		Project No.																												
7IPU RENOVATION		7IPU RENOVATION																												
Location		Location																												
DENVER VA MEDICAL CENTER		DENVER VA MEDICAL CENTER																												
Date		Date																												
10 FEB, 2014		10 FEB, 2014																												
Checked		Checked																												
T. WIG		T. WIG																												
Drawn		Drawn																												
C. GONZALEZ		C. GONZALEZ																												
Project Number		Project Number																												
554-14-816		554-14-816																												
Building Number		Building Number																												
BUILDING 1		BUILDING 1																												
Drawing Number		Drawing Number																												
0001		0001																												
Page		Page																												
1 of 2		1 of 2																												
Office		Office																												
Contr.		Contr.																												
Manage		Manage																												



INFECTION CONTROL RISK ASSESSMENT:

LOW RISK (LEVEL II): NO WORK SHALL COMMENCE WITHOUT PRIOR SCHEDULING AND APPROVAL FROM COR. PROVIDE ACTIVE MEANS TO PREVENT AIRBORNE DUST FROM DISPERSING INTO THE ATMOSPHERE. WATER MIST WORK SURFACES TO CONTROL DUST WHILE CUTTING. WIPE WORK SURFACE WITH DISINFECTANT. BLOCK OFF AND SEAL AIR VENTS. PLACE DUST MAT AT ENTRANCE AND EXIT OF WORK AREA--KEEP DAMP IF NEEDED. CONTAIN CONSTRUCTION WASTE BEFORE TRANSPORT IN TIGHTLY COVERED CONTAINERS. ALL CEILING REMOVED FOR CAMERA INSTALLATION SHALL BE REPLACED AT THE END OF EVERY WORK SHIFT IN ORDER TO MAINTAIN THE SMOKE BARRIER. USE A HEPA VACUUM ON BEFORE REINSTALLATION. WET MOP WORK AREA AND/OR VACUUM WITH HEPA FILTERED VACUUM AT THE END OF EVERY WORK SHIFT.

- SHEET NOTES:**
1. DISCONNECT AND REMOVE EXISTING CAMERAS AT POWER/DATA CONNECTIONS FROM CEILING. SALVAGE CAMERAS FOR OWNER.
 2. REMOVE/TERMINATE EXISTING ELECTRICAL CONNECTION AT POWER PANELS.
 3. INSTALL NEW VIDEO CAMERAS AT EXISTING LOCATIONS, EXPECT AS NOTED ON DETAILS.
 4. PATCH/MODIFY CEILING OPENINGS TO FIT NEW CAMERAS.
- NOTE:** VIDEO CAMERA BASIS OF DESIGN -- VIVOTEK FIXED DOME NETWORK CAMERA FD8163 WITH AM-102 RECESSED-MOUNT BRACKET.
4. TERMINATE EXISTING CAT 5 CONNECTIONS TO NEW VIDEO CAMERAS. NEW CONNECTORS/ADAPTERS MAY BE REQUIRED.

- SHEET NOTES:**
1. REMOVE EXISTING CAMERA, REROUTE DATA CONNECTION TO NEW LOCATION. PATCH/REPAIR AND PAINT CEILING TO MATCH EXISTING FINISH.
 2. INSTALL AND CONNECT NEW CAMERA TO EXISTING SYSTEM.

Drawing Title 7FPU Seclusion Rooms Camera Installaion	Project Title 7FPU RENOVATION			Project Number 554-14-816	Office of Construction and Facilities Management
				Building Number BUILDING 1	
Approved Project Director	Location DENVER VA MEDICAL CENTER			Drawing Number G100	
				Date 10 FEB, 2014	
	Day 2 of 2				